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PATENT APPLICATION
COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D. C. 20231

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By Richard L. Hughes
Edem

Sir:

Transmitted herewith for filing is the [] patent application,
[x] continuation-in-part patent of USSN 07/969,916,
filed November 2, 1992 application of

Inventors: Geetha Rangan, Debra J. Worsley, Richard Thaik & Brian C. Edem

For: DATA COMMUNICATION NETWORK WITH TRANSFER PORT, CASCADE PORT AND/OR FRAME
SYNCHRONIZING SIGNAL

Enclosed are:

[X] twenty-eight (28) sheets of [] formal [x] informal drawings.

[X] An assignment of the invention to NATIONAL SEMICONDUCTOR CORPORATION

[X] An [] signed [X] unsigned Declaration & Power of Attorney.

[] A [] signed [] unsigned Declaration.

[] A Power of Attorney.

[] A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.

[] A certified copy of a application.

[] Information Disclosure Statement under 37 CFR 1.97.

[]

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	18 -20=	0
INDEP CLAIMS	4 -3=	1
[] MULTIPLE DEPENDENT CLAIM PRESENTED		

SMALL ENTITY

RATE	FEE
	\$355
x11=	\$
x37=	\$
+115=	\$
TOTAL	\$

OTHER THAN A
SMALL ENTITY

RATE	FEE
	\$710
x22=	\$ 0
x74=	\$ 74
+230=	\$ 0
TOTAL	\$784

* If the difference in Col. 1 is less than zero,
enter "0" in Col. 2

Please charge Deposit Account No. 20-1430 as follows:

[X] Filing fee

\$ 784.00

[X] Any additional fees associated with this paper or
during the pendency of this application

[] The issue fee set in 37 CFR 1.18 at or before mailing of the Notice
of Allowance, pursuant to 37 CFR 1.311(b).

[] A check for \$ is enclosed.

Respectfully submitted,

2 copies of this sheet are enclosed.

TOWNSEND and TOWNSEND KHOURIE and CREW

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APP. TRN 12/92